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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 4

Complete if Known	
Application Number	
Filing Date	October 6, 2003
First Named Inventor	Wei-Di Cao
Art Unit	1742
Examiner Name	Wysocki
Attorney Docket Number	TAV-2036

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number - Kind Code[2] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
GW		US 6,328,827 – B1	12-11-2001	Bouzidi et al.	
		US 6,315,846 – B1	11-12-2001	Hibner et al.	
		US 6,193,823 – B1	02-27-2001	Morra	
		US 6,106,767	08-22-2000	Kennedy et al.	
		US 5,244,515	09-14-1993	Miglin	
		US 5,154,884	10-13-1992	Wukusick et al.	
		US 5,087,305	02-11-1992	Chang	
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		US 4,798,632	01-17-1989	Yonezawa et al.	
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		US 4,652,315	03-24-1987	Igarashi et al.	
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		US 4,083,734	04-11-1978	Boesch	
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GW		US 20030034098- A1	02-20-2003	Henry et al.	

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Examiner Initials*	Cite No.[1]	Foreign Patent Document Country Code[3]-Number[4]-Kind Code[5] (*if known*)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]

Examiner Signature		Date Considered	8/31/05

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Sheet 2 of 4

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Application Number	
Filing Date	October 6, 2003
First Named Inventor	Wei-Di Cao
Art Unit	
Examiner Name	
Attorney Docket Number	TAV-2036

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CW		US 20020036037- A1	03-28-2002	Kennedy et al.	

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(use as many sheets as necessary)				Examiner Name	
Sheet	3	of	4	Attorney Docket Number	TAV-2036

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T[2]
GW		CAO, U.S. Pat. Application Serial No. 10/144,369, entitled "Nickel-Base Alloy," filed May 13, 2002 and assigned to ATI Properties, Inc.	
		AZADIAN, S. et al. "Precipitation in Spray-Formed IN718," Proceedings of the 5th International Symposium on Superalloys 718, 625, 706 and Various Derivatives, E. A. Loria ed., The Minerals, Metals & Materials Society, Warrendale, PA (2001), pp. 617-626	
		XIE, XISHAN et al. "The Role of Mg on Structure and Mechanical Properties in Alloy 718," Superalloys 1988, S. Reichman et al. eds., The Metallurgical Society (1988), pp. 635-642.	
		ANDRIEU, E. et al. "Influence of Compositional Modifications on Thermal Stability of Alloy 718," Superalloys 718, 625, 706 and Various Derivatives, E. A. Loria ed., The Minerals, Metals & Materials Society, Warrendale, PA (1994), pp. 695-710.	
		"Technical Data Sheet Allvac® 718 Alloy" Allvac, Monroe, NC (2000).	
GW		R. WARREN, LIU-YING WEI, JOHAN OCKBORN "Interrelationships Between Thermomechancial Treatment, Microstructure and Properties of Nickel Base Superalloys," at http://www.ts.mah.se/forskn/mumat/Research/research_topic_rw.htm. (last updated 02-19-2002).	

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				Examiner Name	
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Sheet	4	of	4	Attorney Docket Number	TAV-2036

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GW		GUO, ENCAI et al., "Further Studies on Thermal Stability of Modified 718 Alloys," Superalloys 718, 625, 706 and Various Derivatives, E. A. Loria ed., The Minerals, Metals & Materials Society, Warrendale, PA (1994), pp. 721-734.	
		GOU, ENCAI et al., "Improving Thermal Stability of Alloy 718 Via Small Modifications in Composition," Superalloy 718- Metallurgy and Applications, E. A. Loria ed., The Minerals, Metals & Materials Society, Warrendale, PA (1989), pp. 567-576.	
		ANDRIEU, E. et al.,"Effect of Environment and Microstructure on the High Temperature Behaviour of Alloy 718," Superalloy 718- Metallurgy and Applications, E. A. Loria ed., The Minerals, Metals & Materials Society, Warrendale, PA (1989), pp. 241-256.	
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		COLLIER, JOHN P. et al., "The Effect of Varying Al, Ti, and Nb Content on the Phase Stability of INCONEL 718," Metallurgical Transactions A, Vol. 19A, July 1988, pp. 1657-1666.	
		COLLIER, JOHN P. et al. "On Developing a Microstructurally and Thermally Stable Iron-Nickel Superalloy," S. Reichman et al. eds., The Metallurgical Society (1988), pp. 43-53 (1988).	
GW		XIE, XISHAN et al., "The Role of Phosphorus and Sulfur in INCONEL 718," Superalloys 1996, R.D. Kissinger et al. eds., The Minerals, Metals & Materials Society, Warrendale, PA (1996), pp. 599-606.	

Examiner Signature		Date Considered	8/31/05

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Sheet 1 of 2

Complete if Known	
Application Number	10/679,899
Filing Date	October 6, 2003
First Named Inventor	Wei-Di Cao
Art Unit	1742
Examiner Name	Wyszomierski
Attorney Docket Number	TAV-2036

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GW		US 3,046,108	07-24-1962	Eiselstein	

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GW		WO 03/097888	11-27-2003	ATI Properties Inc.		

Examiner Signature		Date Considered	8/31/05

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				Examiner Name	Wyszomierski
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Sheet	2	of	2	**Attorney Docket Number**	TAV-2036

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		~~MANRIQUEZ, J.A. et al. "The High Temperature Stability of IN718 Derivative Alloys" Superalloys (1992) pp. 507-516.~~	

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